

air mechanic

Name: _____



Requirements	Passed
1. Understand the basic principles of an aircraft piston engine and know the names and functions of the principal parts.	
2. Demonstrate pre-flight check and a knowledge of aircraft documents.	
3. Have passed the Aviation Skills Scoutcraft Badge, or complete part 5 of its requirements.	
4. Explain the principles of flight and of airframe construction.	
5. Explain the basic principles of an aircraft jet engine and know the names and functions of the principal parts.	
6. Build a non-flying model aircraft with working control surfaces operated by a control column. Demonstrate its use.	
7. Have a general knowledge of elementary hydraulics and electrics as applied to aircraft, concerning: a) Airscrews (and their types). b) Aircraft brakes (including air brakes).	

2009
08/20v1

Badge Awarded

